



USB 3.0 Gigabit Ethernet Adapter

RNG-406U

*User Manual*



# Contents:

<b>Chapter 1: Introduction .....</b>	<b>3</b>
1.1 Product Introduction .....	3
1.2 Features.....	3
1.3 System Requirements .....	4
1.4 Package Contents.....	4
<b>Chapter 2: Getting Started .....</b>	<b>5</b>
2.1 Hardware Installation.....	5
2.2 Driver Installation .....	5
2.2.1 Installation for Windows XP / Vista / 7.....	5
2.2.2 Installation for Mac OS X .....	7
2.3 Hardware Verify.....	8
2.3.1 Verifying for Windows .....	8
2.3.2 Verifying for Mac OS X.....	10
<b>Appendix A: Specification.....</b>	<b>11</b>

# Chapter 1: Introduction

## 1.1 Product Introduction

Thank you for purchasing Rosewill's RNG-406U. This USB 3.0 to Gigabit Ethernet Adapter add a single RJ-45 Ethernet networking port to a USB enabled (USB 3.0) computer system with link speeds up to 1000 Mbps. Backwards compatible with USB 2.0 computer system and 10/100 Mbps Ethernet networks, this compact and portable adapter is ideal as a desktop replacement network adapter or laptop accessory.

## 1.2 Features

- Compliant with Universal Serial Bus 3.0 Specification, Revision 1.0
- Compatible with USB Specification, Revision 2.0
- Supports full duplex operation with IEEE 802.3x flow control and half duplex operation with back-pressure flow control
- Compatible with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Supports IEEE 802.3az (Energy Efficient Ethernet) auto-detect usage for energy saving adjustment
- Supports crossover detection and auto-correction
- Supports advanced link down power saving when

Ethernet cable is unplugged

- Supports Wake-on-LAN
- Upstream port: USB 3.0 type A
- Downstream port: RJ45
- LEDs indicate the status of Power status and Ethernet connection
- Supports Windows® XP/Vista/7/8 (32/64 bit); Mac OS X 10.6/10.7/10.8

## 1.3 System Requirements

- Windows® XP/Vista/7 (32/64 bit); Mac OS X 10.5 or later
- Available USB 2.0 port (Recommend USB 3.0 port)

## 1.4 Package Contents

- 1 x RNG-406U - USB 3.0 to Gigabit Ethernet Adapter
- 1 x Driver CD
- 1 x User Manual



### Note:

Make sure that the package contains the above items. If any of the listed items are damaged or missing, please contact with your distributor.

## Chapter 2: Getting Started

### 2.1 Hardware Installation

1. Plug the USB 3.0 to Gigabit Ethernet Adapter directly into an available USB 2.0 port (Recommend USB 3.0 port) on your computer.
2. Connect one end of your network cable into the RJ45 port of USB 3.0 to Gigabit Ethernet Adapter.
3. Connect the other end of the network cable into an available Ethernet port on your router, switch, or any other networking device.

### 2.2 Driver Installation

The following section shows you how to install the USB 3.0 to Gigabit Ethernet Adapter driver on different operating systems.

**Important!** Do not connect the USB 3.0 to Gigabit Ethernet to your PC before the install.

#### 2.2.1 Installation for Windows XP / Vista / 7

1. Insert the provided CD into your disk drive. The CD-ROM will start automatically. The following screen will show up and please click "**Install Driver**".



\*Note: Actual image may vary

**Note:** If the install program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.

2. Please click "**USB 3.0 1000M**".



\*Note: Actual image may vary

3. Follow the instructions on screen to install the driver.

## 2.2.2 Installation for Mac OS X 10.5 or Later

1. Insert the provided CD into your CD-ROM drive.
2. Double-click the “**Ethernet Adapter**” disc icon, double-click “**Drivers**” folder.



\*Note: Actual image may vary

3. Double-click “**USB 1000M**” folder, and then double click the “**USB 3.0 1000M**” folder, then click “**For Mac OS X 10.6/10.7/10.8**” file to launch the installer.





\*Note: Actual image may vary

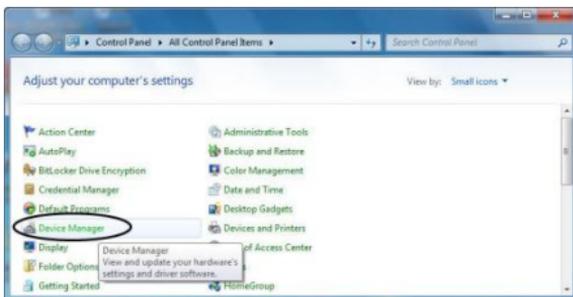
4. Follow the instructions on screen to install the driver. After driver installation is complete, you must restart your computer.

## 2.3 Hardware Verify

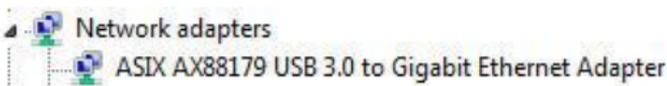
### 2.3.1 Verifying for Windows

1. Click on the “**Device Manager**” tab in the Windows Control Panel.

**Start > Control Panel > Device Manager**

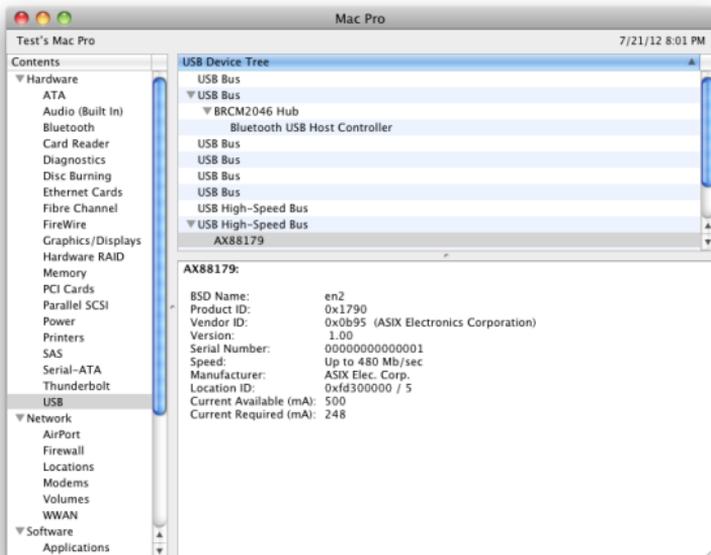


2. Entry "**Network adapters**" item, and you can read "**ASIX AX88179 USB 3.0 to Gigabit Ethernet Adapter**" in the Device Manager.



## 2.3.2 Verifying for Mac OS X 10.5 or Later

1. Choose About this Mac from the Apple menu.
2. Click on More Info...
3. In the Contents sidebar select USB from the Hardware section.
4. Scroll the list to reveal the USB 3.0 to Gigabit Ethernet Adapter information



## Appendix A: Specification

Spec	
Chipset	Asix AX88179
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az(Energy Efficient Ethernet)
Speed	10/100/1000Mbps
Connectors	1 x RJ45
Interface	USB 3.0
LEDs	Link, Activity
Dimension	Adapter: 2.56 x 1.1 x 0.71 in (65 x 28 x 18 mm); Cable Length + USB Connector 21.26 in (540 mm)
Weight	0.11 lb (50 g)

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